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UNIT SPECIFIC TECHNICAL MEMORANDUM: OUTSIDE CHEMICAL STORAGE SHED

PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

RCRA RECORDS CENTER

FACILITY Pratt + Whitney N.Y.

I.D. NO. CD99067001

FILE LOC. R-9

OTHER RDMS#1143

SUB-AREA: Explosives Storage Area

ENVIRONMENTAL UNIT: Outside Chemical Storage Shed

Location: In the North Klondike Area, this unit is located on the fifth road south of the North Access Road from Perimeter Road (Drawing 1).

Description: The Outside Chemical Storage Shed was approximately 8 feet by 25 feet and was surrounded by a 30 foot by 35 foot chain link fence. The shed no longer exists, and was likely demolished sometime after operations in the area ceased in 1993.

Dates of Operation: Approximately 1957 to 1993.

Processes: Storage of acids, bases, and cleaning solvents.

Aerial Photographs: Large-scale aerial photographs for 1965, 1970, and 1975 were obtained from Keystone Aerial Surveys, Inc. Three small aerial photographs were also obtained from the Pratt & Whitney (P&W) Photographic Services Department.

The building is visible on the 1969 and 1970 aerial photographs obtained from Keystone Aerial Surveys, Inc. The area appears active and the building is intact. The building is visible on the 1969 aerial photograph obtained from P&W Photographic Services, but is obscured from view by brush and trees on the other photographs. The area appears much as on the photographs obtained from Keystone Aerial Surveys, Inc, active and the building is intact. Operational details within the area are not discernible on either set of photographs.

Specific Contaminants of Concern: Acids, bases, and cleaning solvents. In order to be as comprehensive as possible in the investigation that was conducted, the following constituent groups were analyzed for: volatile organic compounds (VOCs), metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, and zinc), and total petroleum hydrocarbons (TPH).

Potential Release Mechanism: Impacts to soils and groundwater associated with potential spillage or leakage from storage of chemicals inside the shed with potential subsequent migration to the subsurface.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with chemicals stored in the shed, a subsurface investigation to determine the degree and extent of soil contamination was performed in July and October 1996. Prior to 1996, no investigation had reportedly been performed.

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July 1996 Investigation (Loureiro Engineering Associates):

Description: On July 8, 1996, two soil borings, NK-SB-14 and NK-SB-15, were advanced in the vicinity of the Outdoor Chemical Storage Shed by Loureiro Engineering Associates, P.C. (LEA). The soil sampling locations are shown on Drawing 1. Soil samples were collected from each of the borings in continuous 2-foot intervals to 14 feet, with a one foot interval from 14 to 15 feet. The depth of 15 feet was selected to ensure that sufficient data were collected for comparisons against the direct exposure criteria in the Connecticut Remediation Standard Regulation (RSR).

A total of seventeen soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of target VOCs including benzene (BZ), ethylbenzene (EBZ), tetrachloroethylene (PCE), toluene (TL), 1,1,1-trichloroethane (TCA), trichloroethylene (TCE), and xylenes (XYL). Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring and one duplicate were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, metals, and TPH. One sample at a depth of 2 to 4 feet from each boring was also analyzed for pH for a background comparison to the adjacent unit (the Chemical Storage Building).

On July 3, 1996, groundwater samples were collected from both borings, NK-SB-14 and NK-SB-15, using Geoprobe® screen-point groundwater sampling techniques. The groundwater samples were collected from a depth of 5 to 7 feet below the ground surface. The groundwater samples were submitted to AEL for analysis for VOCs, metals, and TPH. A summary of the samples collected and analyses performed is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 4 feet in both borings. Varved clay was encountered at approximately 10.5 feet in both borings. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. A complete summary of soil analytical results with detection limits is presented in Table 3. Detected concentrations at each sampling location are shown on Drawing 1. VOCs were not detected in the soil samples submitted to the LEA Analytical Laboratory. Methyl ethyl ketone (MEK) was the only VOC detected in the soil samples submitted to AEL. MEK was detected in the 2 to 4 foot sample from NK-SB-15 at a concentration of 19 micrograms per kilogram ($\mu\text{g}/\text{kg}$).

Barium, chromium, and zinc were detected in each of the four samples submitted for analysis. TPH was not detected in the soil samples submitted to AEL. A pH of 6.0 and 4.8 was detected in the soil at a depth of 2 to 4 feet in NK-SB-14 and NK-SB-15, respectively.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. A complete summary of groundwater sample analytical results with detection limits is presented in Table 5. Detected concentrations at each groundwater sampling point are shown on Drawing 2. VOCs and TPH were not detected in the groundwater samples submitted to AEL. Barium and zinc were detected in groundwater samples from both NK-SB-14 and NK-SB-15. Barium was detected at concentrations of 0.024 and 0.033 milligrams per liter

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(mg/l), in NK-SB-14 and NK-SB-15, respectively. Zinc was detected at concentrations of 0.014 and 0.054 mg/l, in NK-SB-14 and NK-SB-15, respectively.

Data Evaluation and Conclusions: The data were compared to the default numeric criteria included in the RSR and the site-wide background soil concentrations for various metals (Fuss & O'Neill, 1994). For a more detailed discussion of background concentrations of metals in soil refer to *Technical Memorandum (TM) 4, Background Soil Sampling and Analysis*. Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. The evaluation of the soils data is based on a comparison to the default numeric residential direct exposure criteria (RDEC), the industrial/commercial direct exposure criteria (IDEC), and the GB pollutant mobility criteria (GBPMC) included in the RSR. The evaluation of the groundwater data is based on a comparison to the default numeric residential volatilization criteria (RVC), the industrial/commercial volatilization criteria (IVC), and the surface water protection criteria (SWPC) included in the RSR.

The concentrations of the metals detected in the soil samples are typical of site-wide background concentrations and are not indicative of a release from this unit. For the MEK and metals detected in soil, no exceedances of the RDEC or IDEC were noted. For the MEK, detected in soil from above the water table, no exceedance of the GBPMC was noted.

The concentrations of barium and zinc detected in groundwater, both of which occur naturally, are typical of background concentrations and are not indicative of a release from this unit. For the metals detected in groundwater, no exceedances of the SWPC were noted. Constituents detected in groundwater are presented in detail in *TM 3 Summary of Groundwater Sampling and Analysis*.

Based on the presence of MEK in the soil from one of the two borings, there is evidence that a release may have occurred in the vicinity of this unit. The degree and extent of the release has not been adequately characterized in the vicinity of the former Outdoor Chemical Storage Shed. Therefore, additional soil data were necessary to define the extent of the contamination.

October 1996 Investigation (LEA):

Description: On October 15, 1996, three soil borings, NK-SB-205 through NK-SB-207, were advanced to a depth of 12 feet in a triangle around boring NK-SB-15 where MEK was detected at a depth of 2 to 4 feet. The sampling locations are shown on Drawing 1. The depth of 12 feet was selected to ensure that the top of the varved clay was encountered. Soil samples were collected from each of the borings in continuous 2-foot intervals.

A total of eighteen soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of target VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, select samples from each boring were submitted to AEL and analyzed for the presence of VOCs. One of the two samples in each boring, and the single sample from NK-SB-205, was selected from 2 to 4 feet, the same interval where MEK had been detected in boring NK-SB-15. The sample at a depth of 2 to 4 feet from each boring was also analyzed for pH for a background comparison for the adjacent unit (the

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Chemical Storage Building). A summary of the samples collected and analyses performed is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 6 feet in all three borings. Varved clay was encountered at approximately 9 feet in boring NK-SB-207 and 9.5 feet in borings NK-SB-205 and NK-SB-206. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. A complete summary of soil analytical results with detection limits is presented in Table 3. Detected concentrations at each sampling location are shown on Drawing 1. VOCs were not detected in the soil samples submitted to the LEA Analytical Laboratory or AEL. A pH of 5.3, 5.3, and 6.6 was detected in the soil at a depth of 2 to 4 feet in borings NK-SB-205, NK-SB-206, and NK-SB-207, respectively.

Data Evaluation and Conclusions: Because VOCs were not detected in the borings around NK-SB-15, where MEK had been detected, there is no confirming evidence that a release may have occurred in the vicinity of borings NK-SB-205 through NK-SB-207. The degree and extent of the release has been adequately characterized in the vicinity of the former Outdoor Chemical Storage Shed and no further investigation is warranted at this unit.

Adequate characterization has been performed to address possible releases in the vicinity of the former Outdoor Chemical Storage Shed. For the detected constituents, no exceedances of default numeric criteria were detected, and no further evaluation or remedial activity is warranted.

REFERENCES:

Fuss & O'Neill, Inc, 1994, Soil Sampling Background Areas – North Klondike, prepared for Pratt & Whitney.

Keystone Aerial Surveys, Inc. 1965, Aerial Photo of Rentschler Airport and Surrounding Areas, East Hartford, CT.

Keystone Aerial Surveys, Inc. 1970, Aerial Photo of Rentschler Airport and Surrounding Areas, East Hartford, CT.

Keystone Aerial Surveys, Inc. 1975, Aerial Photo of Rentschler Airport and Surrounding Areas, East Hartford, CT.

Loureiro Engineering Associates, August 18, 1995, *Rentschler Airport and Klondike Areas Data Gap Investigation and Work Plan*, Pratt & Whitney, 400 Main Street, East Hartford, CT.

Loureiro Engineering Associates, October 1995, *Rentschler Airport and Klondike Areas Data Gap Investigation and Work Plan*, United Technologies Corporation, Pratt & Whitney, 400 Main Street, East Hartford, CT.

P&W Photographic Services Department, 1969, *Aerial Photograph, Negative Number Z-36268*, Pratt & Whitney, East Hartford, CT.

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P&W Photographic Services Department, 1975, *Aerial Photograph, Negative Number CN-50747*, Pratt & Whitney, East Hartford, CT.

P&W Photographic Services Department, 1977, *Aerial Photograph, Negative Number 77445-0054AB* Pratt & Whitney, East Hartford, CT.

TABLES

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-14	1015674	7/ 3/96	5	7	GW		x					x		x
NK-SB-14	1015581	7/ 8/96	0	2	SB	x								
NK-SB-14	1015582	7/ 8/96	2	4	SB	x	x					x	x	x
NK-SB-14	1015583	7/ 8/96	4	6	SB	x	x					x		x
NK-SB-14	1015584	7/ 8/96	6	8	SB	x								
NK-SB-14	1015585	7/ 8/96	8	10	SB	x								
NK-SB-14	1015586	7/ 8/96	10	12	SB	x								
NK-SB-14	1015587	7/ 8/96	12	14	SB	x								
NK-SB-14	1015588	7/ 8/96	14	15	SB	x								
NK-SB-15	1015672	7/ 3/96	5	7	GW		x					x		x
NK-SB-15	1015572	7/ 8/96	0	2	SPB	x								
NK-SB-15	1015573	7/ 8/96	2	4	SPB	x	x					x	x	x
NK-SB-15	1015574	7/ 8/96	4	6	SB	x								
NK-SB-15	1015575	7/ 8/96	6	8	SB	x	x					x		x
NK-SB-15	1015576	7/ 8/96	6	8	SB	x	x					x		x
NK-SB-15	1015577	7/ 8/96	8	10	SB	x								
NK-SB-15	1015578	7/ 8/96	10	12	SB	x								
NK-SB-15	1015579	7/ 8/96	12	14	SB	x								
NK-SB-15	1015580	7/ 8/96	14	15	SB	x								
NK-SB-205	1019283	10/15/96	0	2	SB	x								
NK-SB-205	1019284	10/15/96	2	4	SB	x	x							x
NK-SB-205	1019285	10/15/96	4	6	SB	x								
NK-SB-205	1019286	10/15/96	6	8	SB	x								
NK-SB-205	1019287	10/15/96	8	10	SB	x								
NK-SB-205	1019288	10/15/96	10	12	SB	x								
NK-SB-206	1019289	10/15/96	0	2	SB	x								
NK-SB-206	1019290	10/15/96	2	4	SB	x	x							x
NK-SB-206	1019291	10/15/96	4	6	SB	x	x							
NK-SB-206	1019292	10/15/96	6	8	SB	x								
NK-SB-206	1019293	10/15/96	8	10	SB	x								
NK-SB-206	1019294	10/15/96	10	12	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 07/22/99



Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

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Table 2 DRA
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Notes: 1. Only Detects Shown
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Table 2 **DRAFT**
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Table 4

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SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Notes: 1. Only Detects Shown
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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-15					
Sample ID	1015674	1015672						
Sample Date	07/03/1996	07/03/1996						
Sample Time	14:50	14:00						
Sample Depth	5' - 7'	5' - 7'						
Laboratory	AEL	AEL						
Lab. Number	AEL96007379	AEL96007378						
Constituent	Units							
Date Metals Analyzed	-	07/17/1996	07/17/1996					
Date Organics Analyzed	-	07/10/1996	07/10/1996					
Date Physical Analyzed	-	07/16/1996	07/16/1996					
Arsenic	mg/L	<0.010	<0.010					
Barium	mg/L	0.024	0.033					
Cadmium	mg/L	<0.0010	<0.0010					
Chromium	mg/L	<0.010	<0.010					
Lead	mg/L	<0.0050	<0.0050					
Mercury	mg/L	<0.0010	<0.0010					
Nickel	mg/L	<0.020	<0.020					
Selenium	mg/L	<0.010	<0.010					
Silver	mg/L	<0.010	<0.010					
Zinc	mg/L	0.014	0.054					
Total Petroleum Hydrocarbons	mg/L	<1.0	<1.0					
Acetone	µg/L	<150	<20					
Acrolein	µg/L	<10	<10					
Acrylonitrile	µg/L	<10	<10					
Benzene	µg/L	<4.0	<4.0					
Bromobenzene	µg/L	<4.0	<4.0					
Bromoform	µg/L	<4.0	<4.0					
Carbon Disulfide	µg/L	<4.0	<4.0					
Carbon Tetrachloride	µg/L	<4.0	<4.0					
Chlorobenzene	µg/L	<4.0	<4.0					
Chlorodibromomethane	µg/L	<4.0	<4.0					
Chloroethane	µg/L	<4.0	<4.0					
Chloroethyl Vinyl Ether,2-	µg/L	<4.0	<4.0					
Chloroform	µg/L	<4.0	<4.0					
Chlorotoluene,o-	µg/L	<4.0	<4.0					

Notes: 1. Printed on 07/22/99

Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-15					
Sample ID	1015674	1015672						
Sample Date	07/03/1996	07/03/1996						
Sample Time	14:50	14:00						
Sample Depth	5' - 7'	5' - 7'						
Laboratory	AEL	AEL						
Lab. Number	AEL96007379	AEL96007378						
Constituent	Units							
Chlorotoluene,p-	µg/L	<4.0	<4.0					
Dibromomethane	µg/L	<4.0	<4.0					
Dichlorobenzene,1,2-	µg/L	<4.0	<4.0					
Dichlorobenzene,1,3-	µg/L	<4.0	<4.0					
Dichlorobenzene,1,4-	µg/L	<4.0	<4.0					
Dichlorobromomethane	µg/L	<4.0	<4.0					
Dichlorodifluoromethane	µg/L	<4.0	<4.0					
Dichloroethane,1,1-	µg/L	<4.0	<4.0					
Dichloroethane,1,2-	µg/L	<4.0	<4.0					
Dichloroethylene,1,1-	µg/L	<4.0	<4.0					
Dichloroethylene,1,2-cis-	µg/L	<4.0	<4.0					
Dichloroethylene,1,2-trans-	µg/L	<4.0	<4.0					
Dichloropropane,1,2-	µg/L	<4.0	<4.0					
Dichloropropylene,1,3-cis-	µg/L	<4.0	<4.0					
Dichloropropylene,1,3-trans-	µg/L	<4.0	<4.0					
Ethylbenzene	µg/L	<4.0	<4.0					
Hexanone,2-	µg/L	<10	<10					
Methyl Bromide	µg/L	<4.0	<4.0					
Methyl Chloride	µg/L	<4.0	<4.0					
Methyl Ethyl Ketone	µg/L	<17	<10					
Methyl-2-pentanone,4-	µg/L	<12	<10					
Methyl-tert-butyl Ether	µg/L	<4.0	<4.0					
Methylene Chloride	µg/L	<4.0	<4.0					
Styrene	µg/L	<4.0	<4.0					
Tetrachloroethane,1,1,1,2-	µg/L	<4.0	<4.0					
Tetrachloroethane,1,1,2,2-	µg/L	<4.0	<4.0					
Tetrachloroethylene	µg/L	<4.0	<4.0					
Toluene	µg/L	<4.0	<4.0					

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14						
Sample ID	1015581	1015582	1015582	1015582	1015582	1015583	1015583	1015583
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	14:40	14:50	14:50	14:50	14:50	14:59	14:59	14:59
Sample Depth	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	4' - 6'
Laboratory	LEA	AEL	AEL	AEL	LEA	AEL	AEL	LEA
Lab. Number	96-3276-148	AEL96007504	AEL96010880	AEL97002197	96-3277-149	AEL96007505	AEL96007505	96-3278-150
Constituent	Units							
Date Metals Analyzed	-		07/18/1996				07/18/1996	
Date Organics Analyzed	-	07/10/1996	07/15/1996			07/10/1996	07/25/1996	07/10/1996
Date Physical Analyzed	-		07/29/1996		02/28/1997		07/30/1996	
Date of Metals SPLP Analysis	-			10/04/1996				
Arsenic	mg/kg		<1.13				<1.19	
Arsenic (SPLP)	mg/L			<0.010				
Barium	mg/kg		12.6				23.5	
Barium (SPLP)	mg/L			<1.00				
Cadmium	mg/kg		<3.38				<3.56	
Cadmium (SPLP)	mg/L			<0.0010				
Chromium	mg/kg		6.87				7.48	
Chromium (SPLP)	mg/L			<0.050				
Lead	mg/kg		<22.5				<23.7	
Lead (SPLP)	mg/L			<0.0050				
Mercury	mg/kg		<0.225				<0.237	
Mercury (SPLP)	mg/L			<0.0020				
Nickel	mg/kg		<11.3				<11.9	
Nickel (SPLP)	mg/L			<0.10				
Selenium	mg/kg		<1.13				<1.19	
Selenium (SPLP)	mg/L			<0.010				
Silver	mg/kg		<5.63				<5.94	
Silver (SPLP)	mg/L			<0.020				
Zinc	mg/kg		12.4				13.8	
Zinc (SPLP)	mg/L			<0.050				
Total Petroleum Hydrocarbons	mg/kg		<38.0				<40.9	
pH of Soil	SU				6.0			
Acetone	µg/kg		<37				<70	
Acrolein	µg/kg		<19				<35	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14
Sample ID	1015581	1015582	1015582	1015582	1015582	1015582	1015583	1015583	1015583
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	14:40	14:50	14:50	14:50	14:50	14:50	14:59	14:59	14:59
Sample Depth	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	4' - 6'
Laboratory	LEA	AEL	AEL	AEL	LEA	AEL	LEA	AEL	LEA
Lab. Number	96-3276-148	AEL96007504	AEL96010880	AEL97002197	96-3277-149	AEL96007505	96-3278-150		
Constituent	Units								
Acrylonitrile	µg/kg		<19					<35	
Benzene	µg/kg		<7.4					<14	
Benzene (screening)	µg/kg	<14					<12		<14
Bromobenzene	µg/kg		<7.4					<14	
Bromoform	µg/kg		<7.4					<14	
Carbon Disulfide	µg/kg		<7.4					<14	
Carbon Tetrachloride	µg/kg		<7.4					<14	
Chlorobenzene	µg/kg		<7.4					<14	
Chlorodibromomethane	µg/kg		<7.4					<14	
Chloroethane	µg/kg		<7.4					<14	
Chloroethyl Vinyl Ether,2-	µg/kg		<7.4					<14	
Chloroform	µg/kg		<7.4					<14	
Chlorotoluene,o-	µg/kg		<7.4					<14	
Chlorotoluene,p-	µg/kg		<7.4					<14	
Dibromomethane	µg/kg		<7.4					<14	
Dichlorobenzene,1,2-	µg/kg		<7.4					<14	
Dichlorobenzene,1,3-	µg/kg		<7.4					<14	
Dichlorobenzene,1,4-	µg/kg		<7.4					<14	
Dichlorobromomethane	µg/kg		<7.4					<14	
Dichlorodifluoromethane	µg/kg		<7.4					<14	
Dichloroethane,1,1-	µg/kg		<7.4					<14	
Dichloroethane,1,2-	µg/kg		<7.4					<14	
Dichloroethylene,1,1-	µg/kg		<7.4					<14	
Dichloroethylene,1,2-cis-	µg/kg		<7.4					<14	
Dichloroethylene,1,2-trans-	µg/kg		<7.4					<14	
Dichloropropane,1,2-	µg/kg		<7.4					<14	
Dichloropropylene,1,3-cis-	µg/kg		<7.4					<14	
Dichloropropylene,1,3-trans-	µg/kg		<7.4					<14	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14
Sample ID	1015581	1015582	1015582	1015582	1015582	1015583	1015583	1015583
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	14:40	14:50	14:50	14:50	14:50	14:59	14:59	14:59
Sample Depth	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	4' - 6'
Laboratory	LEA	AEL	AEL	AEL	LEA	AEL	LEA	LEA
Lab. Number	96-3276-148	AEL96007504	AEL96010880	AEL97002197	96-3277-149	AEL96007505	96-3278-150	
Constituent	Units							
Ethylbenzene	µg/kg		<7.4				<14	
Ethylbenzene (screening)	µg/kg							
Hexanone,2-	µg/kg		<19				<35	
Methyl Bromide	µg/kg		<7.4				<14	
Methyl Chloride	µg/kg		<7.4				<14	
Methyl Ethyl Ketone	µg/kg		<19				<35	
Methyl-2-pentanone,4-	µg/kg		<19				<35	
Methyl-tert-butyl Ether	µg/kg		<7.4				<14	
Methylene Chloride	µg/kg		<7.4				<14	
Styrene	µg/kg		<7.4				<14	
Tetrachloroethane,1,1,1,2-	µg/kg		<7.4				<14	
Tetrachloroethane,1,1,2,2-	µg/kg		<7.4				<14	
Tetrachloroethylene	µg/kg		<7.4				<14	
Tetrachloroethylene (screening)	µg/kg	<21				<18		<21
Toluene	µg/kg		<7.4				<14	
Toluene (screening)	µg/kg	<20				<16		<20
Trichloroethane,1,1,1-	µg/kg		<7.4				<14	
Trichloroethane,1,1,1- (screening)	µg/kg	<342				<283		<342
Trichloroethane,1,1,2-	µg/kg		<7.4				<14	
Trichloroethylene	µg/kg		<7.4				<14	
Trichloroethylene (screening)	µg/kg	<33				<27		<33
Trichloromonofluoromethane	µg/kg		<7.4				<14	
Trichloroproppane,1,2,3-	µg/kg		<7.4				<14	
Vinyl Acetate	µg/kg		<7.4				<14	
Vinyl Chloride	µg/kg		<7.4				<14	
Xylenes (Total)	µg/kg		<7.4				<14	

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LEA

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-15	NK-SB-15
Sample ID	1015584	1015585	1015586	1015587	1015588	1015572	1015573	
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	15:07	15:25	15:40	15:50	16:00	12:40	12:53	
Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'	
Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL	
Lab. Number	96-3279-151	96-3280-152	96-3281-153	96-3282-154	96-3283-155	96-3265-137	AEL96007501	
Constituent	Units							
Date Metals Analyzed	-							07/18/1996
Date Organics Analyzed	-	07/10/1996	07/10/1996	07/10/1996	07/10/1996	07/10/1996	07/10/1996	07/15/1996
Date Physical Analyzed	-							07/19/1996
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							<1.16
Arsenic (SPLP)	mg/L							
Barium	mg/kg							9.89
Barium (SPLP)	mg/L							
Cadmium	mg/kg							<3.49
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							6.52
Chromium (SPLP)	mg/L							
Lead	mg/kg							<23.3
Lead (SPLP)	mg/L							
Mercury	mg/kg							<0.233
Mercury (SPLP)	mg/L							
Nickel	mg/kg							<11.6
Nickel (SPLP)	mg/L							
Selenium	mg/kg							<1.16
Selenium (SPLP)	mg/L							
Silver	mg/kg							<5.82
Silver (SPLP)	mg/L							
Zinc	mg/kg							11.1
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							<38.5
pH of Soil	SU							
Acetone	µg/kg							<120
Acrolein	µg/kg							<15

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-15	NK-SB-15
	Sample ID	1015584	1015585	1015586	1015587	1015588	1015572	1015573
	Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
	Sample Time	15:07	15:25	15:40	15:50	16:00	12:40	12:53
	Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'
	Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL
	Lab. Number	96-3279-151	96-3280-152	96-3281-153	96-3282-154	96-3283-155	96-3265-137	AEL96007501
Constituent	Units							
Acrylonitrile	µg/kg							<15
Benzene	µg/kg							<6.1
Benzene (screening)	µg/kg	<15	<15	<14	<14	<14	<3	
Bromobenzene	µg/kg							<6.1
Bromoform	µg/kg							<6.1
Carbon Disulfide	µg/kg							<6.1
Carbon Tetrachloride	µg/kg							<6.1
Chlorobenzene	µg/kg							<6.1
Chlorodibromomethane	µg/kg							<6.1
Chloroethane	µg/kg							<6.1
Chloroethyl Vinyl Ether,2-	µg/kg							<6.1
Chloroform	µg/kg							<6.1
Chlorotoluene,o-	µg/kg							<6.1
Chlorotoluene,p-	µg/kg							<6.1
Dibromomethane	µg/kg							<6.1
Dichlorobenzene,1,2-	µg/kg							<6.1
Dichlorobenzene,1,3-	µg/kg							<6.1
Dichlorobenzene,1,4-	µg/kg							<6.1
Dichlorobromomethane	µg/kg							<6.1
Dichlorodifluoromethane	µg/kg							<6.1
Dichloroethane,1,1-	µg/kg							<6.1
Dichloroethane,1,2-	µg/kg							<6.1
Dichloroethylene,1,1-	µg/kg							<6.1
Dichloroethylene,1,2-cis-	µg/kg							<6.1
Dichloroethylene,1,2-trans-	µg/kg							<6.1
Dichloroproppane,1,2-	µg/kg							<6.1
Dichloropropylene,1,3-cis-	µg/kg							<6.1
Dichloropropylene,1,3-trans-	µg/kg							<6.1

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-15	NK-SB-15
Sample ID	1015584	1015585	1015586	1015587	1015588	1015572	1015573	1015573
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	15:07	15:25	15:40	15:50	16:00	12:40	12:53	
Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'	
Laboratory	LEA	AEL						
Lab. Number	96-3279-151	96-3280-152	96-3281-153	96-3282-154	96-3283-155	96-3265-137	96-3265-137	AEL96007501
Constituent	Units							
Ethylbenzene	µg/kg							<6.1
Ethylbenzene (screening)	µg/kg							
Hexanone,2-	µg/kg							<15
Methyl Bromide	µg/kg							<6.1
Methyl Chloride	µg/kg							<6.1
Methyl Ethyl Ketone	µg/kg							19
Methyl-2-pentanone,4-	µg/kg							<15
Methyl-tert-butyl Ether	µg/kg							<6.1
Methylene Chloride	µg/kg							<6.1
Styrene	µg/kg							<6.1
Tetrachloroethane,1,1,1,2-	µg/kg							<6.1
Tetrachloroethane,1,1,2,2-	µg/kg							<6.1
Tetrachloroethylene	µg/kg							<6.1
Tetrachloroethylene (screening)	µg/kg	<23	<23	<21	<22	<21	<4	
Toluene	µg/kg							<6.1
Toluene (screening)	µg/kg	<21	<21	<20	<20	<19	<4	
Trichloroethane,1,1,1-	µg/kg							<6.1
Trichloroethane,1,1,1-(screening)	µg/kg	<361	<368	<342	<348	<336	<65	
Trichloroethane,1,1,2-	µg/kg							<6.1
Trichloroethylene	µg/kg							<6.1
Trichloroethylene (screening)	µg/kg	<35	<36	<33	<34	<33	<6	
Trichloromonofluoromethane	µg/kg							<6.1
Trichloropropane,1,2,3-	µg/kg							<6.1
Vinyl Acetate	µg/kg							<6.1
Vinyl Chloride	µg/kg							<6.1
Xylenes (Total)	µg/kg							<6.1

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15						
Sample ID	1015573	1015573	1015573	1015573	1015574	1015575	1015575	1015576
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	12:53	12:53	12:53	13:07	13:15	13:15	13:15	13:23
Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	6' - 8'	6' - 8'
Laboratory	AEL	AEL	LEA	LEA	AEL	LEA	LEA	AEL
Lab. Number	AEL96010881	AEL97002196	96-3266-138	96-3267-139	AEL96007502	96-3268-140	96-3268-140	AEL96007503
Constituent	Units							
Date Metals Analyzed	-					07/18/1996		07/18/1996
Date Organics Analyzed	-			07/10/1996	07/10/1996	07/17/1996	07/10/1996	07/15/1996
Date Physical Analyzed	-		02/28/1997			07/19/1996		07/19/1996
Date of Metals SPLP Analysis	-	10/11/1996						
Arsenic	mg/kg					<1.23		<1.25
Arsenic (SPLP)	mg/L	<0.010						
Barium	mg/kg					22.5		17.5
Barium (SPLP)	mg/L	<1.00						
Cadmium	mg/kg					<3.69		<3.75
Cadmium (SPLP)	mg/L	<0.0010						
Chromium	mg/kg					7.01		7
Chromium (SPLP)	mg/L	<0.050						
Lead	mg/kg					<24.6		<25
Lead (SPLP)	mg/L	<0.0050						
Mercury	mg/kg					<0.246		<0.25
Mercury (SPLP)	mg/L	<0.0020						
Nickel	mg/kg					<12.3		<12.5
Nickel (SPLP)	mg/L	<0.10						
Selenium	mg/kg					<1.23		<1.25
Selenium (SPLP)	mg/L	<0.010						
Silver	mg/kg					<6.15		<6.25
Silver (SPLP)	mg/L	<0.020						
Zinc	mg/kg					10.2		10
Zinc (SPLP)	mg/L	<0.050						
Total Petroleum Hydrocarbons	mg/kg					<41.8		<40.0
pH of Soil	SU		4.8					
Acetone	µg/kg					<51		<35
Acrolein	µg/kg					<25		<17

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15
Sample ID	1015573	1015573	1015573	1015574	1015575	1015575	1015576	
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
Sample Time	12:53	12:53	12:53	13:07	13:15	13:15	13:23	
Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	6' - 8'	
Laboratory	AEL	AEL	LEA	LEA	AEL	LEA	AEL	
Lab. Number	AEL96010881	AEL97002196	96-3266-138	96-3267-139	AEL96007502	96-3268-140	AEL96007503	
Constituent	Units							
Acrylonitrile	µg/kg				<25			<17
Benzene	µg/kg				<10			<7.0
Benzene (screening)	µg/kg		<15	<13			<12	
Bromobenzene	µg/kg				<10			<7.0
Bromoform	µg/kg				<10			<7.0
Carbon Disulfide	µg/kg				<10			<7.0
Carbon Tetrachloride	µg/kg				<10			<7.0
Chlorobenzene	µg/kg				<10			<7.0
Chlorodibromomethane	µg/kg				<10			<7.0
Chloroethane	µg/kg				<10			<7.0
Chloroethyl Vinyl Ether,2-	µg/kg				<10			<7.0
Chloroform	µg/kg				<10			<7.0
Chlorotoluene,o-	µg/kg				<10			<7.0
Chlorotoluene,p-	µg/kg				<10			<7.0
Dibromomethane	µg/kg				<10			<7.0
Dichlorobenzene,1,2-	µg/kg				<10			<7.0
Dichlorobenzene,1,3-	µg/kg				<10			<7.0
Dichlorobenzene,1,4-	µg/kg				<10			<7.0
Dichlorobromomethane	µg/kg				<10			<7.0
Dichlorodifluoromethane	µg/kg				<10			<7.0
Dichloroethane,1,1-	µg/kg				<10			<7.0
Dichloroethane,1,2-	µg/kg				<10			<7.0
Dichloroethylene,1,1-	µg/kg				<10			<7.0
Dichloroethylene,1,2-cis-	µg/kg				<10			<7.0
Dichloroethylene,1,2-trans-	µg/kg				<10			<7.0
Dichloropropane,1,2-	µg/kg				<10			<7.0
Dichloropropylene,1,3-cis-	µg/kg				<10			<7.0
Dichloropropylene,1,3-trans-	µg/kg				<10			<7.0

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15						
	Sample ID	1015573	1015573	1015573	1015574	1015575	1015575	1015576
	Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
	Sample Time	12:53	12:53	12:53	13:07	13:15	13:15	13:23
	Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	6' - 8'
	Laboratory	AEL	AEL	LEA	LEA	AEL	LEA	AEL
	Lab. Number	AEL96010881	AEL97002196	96-3266-138	96-3267-139	AEL96007502	96-3268-140	AEL96007503
Constituent	Units							
Ethylbenzene	µg/kg				<10			<7.0
Ethylbenzene (screening)	µg/kg							
Hexanone,2-	µg/kg				<25			<17
Methyl Bromide	µg/kg				<10			<7.0
Methyl Chloride	µg/kg				<10			<7.0
Methyl Ethyl Ketone	µg/kg				<25			<17
Methyl-2-pentanone,4-	µg/kg				<25			<17
Methyl-tert-butyl Ether	µg/kg				<10			<7.0
Methylene Chloride	µg/kg				<10			<7.0
Styrene	µg/kg				<10			<7.0
Tetrachloroethane,1,1,1,2-	µg/kg				<10			<7.0
Tetrachloroethane,1,1,2,2-	µg/kg				<10			<7.0
Tetrachloroethylene	µg/kg				<10			<7.0
Tetrachloroethylene (screening)	µg/kg			<23	<19		<18	
Toluene	µg/kg					<10		<7.0
Toluene (screening)	µg/kg			<22	<18		<16	
Trichloroethane,1,1,1-	µg/kg					<10		<7.0
Trichloroethane,1,1,1- (screening)	µg/kg			<375	<310		<283	
Trichloroethane,1,1,2-	µg/kg					<10		<7.0
Trichloroethylene	µg/kg					<10		<7.0
Trichloroethylene (screening)	µg/kg			<36	<30		<27	
Trichloromonofluoromethane	µg/kg					<10		<7.0
Trichloropropane,1,2,3-	µg/kg					<10		<7.0
Vinyl Acetate	µg/kg					<10		<7.0
Vinyl Chloride	µg/kg					<10		<7.0
Xylenes (Total)	µg/kg					<10		<7.0

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-205	NK-SB-205
Sample ID	1015576	1015577	1015578	1015579	1015580	1019283	1019284	
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	10/15/1996	10/15/1996	
Sample Time	13:23	13:37	13:42	14:10	14:25	12:30	12:45	
Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'	
Laboratory	LEA	AEL						
Lab. Number	96-3270-142	96-3271-143	96-3273-145	96-3274-146	96-3275-147	96-5149-394	96-5149-394	AEL96011867
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-	07/10/1996	07/10/1996	07/10/1996	07/10/1996	07/10/1996	10/16/1996	10/28/1996
Date Physical Analyzed	-							
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							
Arsenic (SPLP)	mg/L							
Barium	mg/kg							
Barium (SPLP)	mg/L							
Cadmium	mg/kg							
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							
Chromium (SPLP)	mg/L							
Lead	mg/kg							
Lead (SPLP)	mg/L							
Mercury	mg/kg							
Mercury (SPLP)	mg/L							
Nickel	mg/kg							
Nickel (SPLP)	mg/L							
Selenium	mg/kg							
Selenium (SPLP)	mg/L							
Silver	mg/kg							
Silver (SPLP)	mg/L							
Zinc	mg/kg							
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							
pH of Soil	SU							
Acetone	µg/kg							<27
Acrolein	µg/kg							<14

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-205	NK-SB-205
Sample ID	1015576	1015577	1015578	1015579	1015580	1019283	1019284	
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	10/15/1996	10/15/1996
Sample Time	13:23	13:37	13:42	14:10	14:25	12:30	12:45	
Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'	
Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL	
Lab. Number	96-3270-142	96-3271-143	96-3273-145	96-3274-146	96-3275-147	96-5149-394	AEL96011867	
Constituent	Units							
Acrylonitrile	µg/kg						<14	
Benzene	µg/kg						<5.4	
Benzene (screening)	µg/kg	<16 nc	<15	<16	<16	<16	<8	
Bromobenzene	µg/kg						<5.4	
Bromoform	µg/kg						<5.4	
Carbon Disulfide	µg/kg						<5.4	
Carbon Tetrachloride	µg/kg						<5.4	
Chlorobenzene	µg/kg						<5.4	
Chlorodibromomethane	µg/kg						<5.4	
Chloroethane	µg/kg						<5.4	
Chloroethyl Vinyl Ether,2-	µg/kg						<5.4	
Chloroform	µg/kg						<5.4	
Chlorotoluene,α-	µg/kg						<5.4	
Chlorotoluene,p-	µg/kg						<5.4	
Dibromomethane	µg/kg						<5.4	
Dichlorobenzene,1,2-	µg/kg						<5.4	
Dichlorobenzene,1,3-	µg/kg						<5.4	
Dichlorobenzene,1,4-	µg/kg						<5.4	
Dichlorobromomethane	µg/kg						<5.4	
Dichlorodifluoromethane	µg/kg						<5.4	
Dichloroethane,1,1-	µg/kg						<5.4	
Dichloroethane,1,2-	µg/kg						<5.4	
Dichloroethylene,1,1-	µg/kg						<5.4	
Dichloroethylene,1,2-cis-	µg/kg						<5.4	
Dichloroethylene,1,2-trans-	µg/kg						<5.4	
Dichloropropane,1,2-	µg/kg						<5.4	
Dichloropropylene,1,3-cis-	µg/kg						<5.4	
Dichloropropylene,1,3-trans-	µg/kg						<5.4	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-15	NK-SB-205	NK-SB-205
Sample ID	1015576	1015577	1015578	1015579	1015580	1019283	1019284	
Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	10/15/1996	10/15/1996	
Sample Time	13:23	13:37	13:42	14:10	14:25	12:30	12:45	
Sample Depth	6' - 8'	8' - 10'	10' - 12'	12' - 14'	14' - 15'	0' - 2'	2' - 4'	
Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL	
Lab. Number	96-3270-142	96-3271-143	96-3273-145	96-3274-146	96-3275-147	96-5149-394	AEL96011867	
Constituent	Units							
Ethylbenzene	µg/kg							<5.4
Ethylbenzene (screening)	µg/kg							<16
Hexanone,2-	µg/kg							<14
Methyl Bromide	µg/kg							<5.4
Methyl Chloride	µg/kg							<5.4
Methyl Ethyl Ketone	µg/kg							<14
Methyl-2-pentanone,4-	µg/kg							<14
Methyl-tert-butyl Ether	µg/kg							<5.4
Methylene Chloride	µg/kg							<8.2
Styrene	µg/kg							<5.4
Tetrachloroethane,1,1,1,2-	µg/kg							<5.4
Tetrachloroethane,1,1,2,2-	µg/kg							<5.4
Tetrachloroethylene	µg/kg							<5.4
Tetrachloroethylene (screening)	µg/kg	<25 nc	<23	<24	<24	<24	<20	
Toluene	µg/kg							<5.4
Toluene (screening)	µg/kg	<23 nc	<22	<23	<22	<23	<11	
Trichloroethane,1,1,1-	µg/kg							<5.4
Trichloroethane,1,1,1- (screening)	µg/kg	<398 nc	<375	<390	<382	<390	<203	
Trichloroethane,1,1,2-	µg/kg							<5.4
Trichloroethylene	µg/kg							<5.4
Trichloroethylene (screening)	µg/kg	<39 nc	<36	<38	<37	<38	<20	
Trichloromonofluoromethane	µg/kg							<5.4
Trichloropropane,1,2,3-	µg/kg							<5.4
Vinyl Acetate	µg/kg							<5.4
Vinyl Chloride	µg/kg							<5.4
Xylenes (Total)	µg/kg							<5.4

Notes: 1. Printed on 07/22/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-206
Sample ID	1019284	1019284	1019285	1019286	1019287	1019288	1019289	1019289
Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
Sample Time	12:45	12:45	12:55	13:05	13:15	13:25	13:45	
Sample Depth	2' - 4'	2' - 4'	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	
Laboratory	AEL	LEA	LEA	LEA	LEA	LEA	LEA	
Lab. Number	AEL97002198	96-5150-395	96-5151-396	96-5152-397	96-5153-398	96-5154-399	96-5155-400	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-		10/16/1996	10/16/1996	10/16/1996	10/16/1996	10/16/1996	10/16/1996
Date Physical Analyzed	-	02/28/1997						
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							
Arsenic (SPLP)	mg/L							
Barium	mg/kg							
Barium (SPLP)	mg/L							
Cadmium	mg/kg							
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							
Chromium (SPLP)	mg/L							
Lead	mg/kg							
Lead (SPLP)	mg/L							
Mercury	mg/kg							
Mercury (SPLP)	mg/L							
Nickel	mg/kg							
Nickel (SPLP)	mg/L							
Selenium	mg/kg							
Selenium (SPLP)	mg/L							
Silver	mg/kg							
Silver (SPLP)	mg/L							
Zinc	mg/kg							
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							
pH of Soil	SU	5.3						
Acetone	µg/kg							
Acrolein	µg/kg							

Notes: 1. Printed on 07/22/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-206
	Sample ID	1019284	1019284	1019285	1019286	1019287	1019288	1019289
	Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
	Sample Time	12:45	12:45	12:55	13:05	13:15	13:25	13:45
	Sample Depth	2' - 4'	2' - 4'	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'
	Laboratory	AEL	LEA	LEA	LEA	LEA	LEA	LEA
	Lab. Number	AEL97002198	96-5150-395	96-5151-396	96-5152-397	96-5153-398	96-5154-399	96-5155-400
Constituent	Units							
Acrylonitrile	µg/kg							
Benzene	µg/kg							
Benzene (screening)	µg/kg		<6	<7	<8	<8	<8	<7
Bromobenzene	µg/kg							
Bromoform	µg/kg							
Carbon Disulfide	µg/kg							
Carbon Tetrachloride	µg/kg							
Chlorobenzene	µg/kg							
Chlorodibromomethane	µg/kg							
Chloroethane	µg/kg							
Chloroethyl Vinyl Ether,2-	µg/kg							
Chloroform	µg/kg							
Chlorotoluene,o-	µg/kg							
Chlorotoluene,p-	µg/kg							
Dibromomethane	µg/kg							
Dichlorobenzene,1,2-	µg/kg							
Dichlorobenzene,1,3-	µg/kg							
Dichlorobenzene,1,4-	µg/kg							
Dichlorobromomethane	µg/kg							
Dichlorodifluoromethane	µg/kg							
Dichloroethane,1,1-	µg/kg							
Dichloroethane,1,2-	µg/kg							
Dichloroethylene,1,1-	µg/kg							
Dichloroethylene,1,2-cis-	µg/kg							
Dichloroethylene,1,2-trans-	µg/kg							
Dichloropropane,1,2-	µg/kg							
Dichloropropylene,1,3-cis-	µg/kg							
Dichloropropylene,1,3-trans-	µg/kg							

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-205	NK-SB-206
Sample ID	1019284	1019284	1019285	1019286	1019287	1019288	1019289	1019289
Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
Sample Time	12:45	12:45	12:55	13:05	13:15	13:25	13:45	
Sample Depth	2' - 4'	2' - 4'	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	
Laboratory	AEL	LEA	LEA	LEA	LEA	LEA	LEA	LEA
Lab. Number	AEL97002198	96-5150-395	96-5151-396	96-5152-397	96-5153-398	96-5154-399	96-5155-400	
Constituent	Units							
Ethylbenzene	µg/kg							
Ethylbenzene (screening)	µg/kg		<14	<16	<16	<17	<17	<15
Hexanone,2-	µg/kg							
Methyl Bromide	µg/kg							
Methyl Chloride	µg/kg							
Methyl Ethyl Ketone	µg/kg							
Methyl-2-pentanone,4-	µg/kg							
Methyl-tert-butyl Ether	µg/kg							
Methylene Chloride	µg/kg							
Styrene	µg/kg							
Tetrachloroethane,1,1,1,2-	µg/kg							
Tetrachloroethane,1,1,2,2-	µg/kg							
Tetrachloroethylene	µg/kg							
Tetrachloroethylene (screening)	µg/kg		<17	<20	<21	<22	<21	<19
Toluene	µg/kg							
Toluene (screening)	µg/kg		<10	<11	<12	<12	<12	<11
Trichloroethane,1,1,1-	µg/kg							
Trichloroethane,1,1,1- (screening)	µg/kg		<173	<199	<207	<215	<211	<188
Trichloroethane,1,1,2-	µg/kg							
Trichloroethylene	µg/kg							
Trichloroethylene (screening)	µg/kg		<17	<20	<20	<21	<21	<19
Trichloromonofluoromethane	µg/kg							
Trichloropropane,1,2,3-	µg/kg							
Vinyl Acetate	µg/kg							
Vinyl Chloride	µg/kg							
Xylenes (Total)	µg/kg							

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206						
	Sample ID	1019290	1019290	1019290	1019291	1019291	1019292	1019293
	Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
	Sample Time	13:55	13:55	13:55	14:05	14:05	14:15	14:25
	Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	6' - 8'	8' - 10'
	Laboratory	AEL	AEL	LEA	AEL	LEA	LEA	LEA
	Lab. Number	AEL96011868	AEL97002199	96-5156-401	AEL96011869	96-5157-402	96-5158-403	96-5159-404
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-	10/29/1996		10/16/1996	10/29/1996	10/16/1996	10/16/1996	10/16/1996
Date Physical Analyzed	-		02/28/1997					
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							
Arsenic (SPLP)	mg/L							
Barium	mg/kg							
Barium (SPLP)	mg/L							
Cadmium	mg/kg							
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							
Chromium (SPLP)	mg/L							
Lead	mg/kg							
Lead (SPLP)	mg/L							
Mercury	mg/kg							
Mercury (SPLP)	mg/L							
Nickel	mg/kg							
Nickel (SPLP)	mg/L							
Selenium	mg/kg							
Selenium (SPLP)	mg/L							
Silver	mg/kg							
Silver (SPLP)	mg/L							
Zinc	mg/kg							
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							
pH of Soil	SU		5.3					
Acetone	µg/kg	<58			<40			
Acrolein	µg/kg	<29			<20			

Notes: 1. Printed on 07/22/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206						
	Sample ID	1019290	1019290	1019290	1019291	1019291	1019292	1019293
	Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
	Sample Time	13:55	13:55	13:55	14:05	14:05	14:15	14:25
	Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	6' - 8'	8' - 10'
	Laboratory	AEL	AEL	LEA	AEL	LEA	LEA	LEA
	Lab. Number	AEL96011868	AEL97002199	96-5156-401	AEL96011869	96-5157-402	96-5158-403	96-5159-404
Constituent	Units							
Acrylonitrile	µg/kg	<29			<20			
Benzene	µg/kg	<12			<8.0			
Benzene (screening)	µg/kg			<6		<8	<8 nc	<8
Bromobenzene	µg/kg	<12			<8.0			
Bromoform	µg/kg	<12			<8.0			
Carbon Disulfide	µg/kg	<12			<8.0			
Carbon Tetrachloride	µg/kg	<12			<8.0			
Chlorobenzene	µg/kg	<12			<8.0			
Chlorodibromomethane	µg/kg	<12			<8.0			
Chloroethane	µg/kg	<12			<8.0			
Chloroethyl Vinyl Ether,2-	µg/kg	<12			<8.0			
Chloroform	µg/kg	<12			<8.0			
Chlorotoluene,o-	µg/kg	<12			<8.0			
Chlorotoluene,p-	µg/kg	<12			<8.0			
Dibromomethane	µg/kg	<12			<8.0			
Dichlorobenzene,1,2-	µg/kg	<12			<8.0			
Dichlorobenzene,1,3-	µg/kg	<12			<8.0			
Dichlorobenzene,1,4-	µg/kg	<12			<8.0			
Dichlorobromomethane	µg/kg	<12			<8.0			
Dichlorodifluoromethane	µg/kg	<12			<8.0			
Dichloroethane,1,1-	µg/kg	<12			<8.0			
Dichloroethane,1,2-	µg/kg	<12			<8.0			
Dichloroethylene,1,1-	µg/kg	<12			<8.0			
Dichloroethylene,1,2-cis-	µg/kg	<12			<8.0			
Dichloroethylene,1,2-trans-	µg/kg	<12			<8.0			
Dichloropropane,1,2-	µg/kg	<12			<8.0			
Dichloropropylene,1,3-cis-	µg/kg	<12			<8.0			
Dichloropropylene,1,3-trans-	µg/kg	<12			<8.0			

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206						
	Sample ID	1019290	1019290	1019290	1019291	1019291	1019292	1019293
	Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
	Sample Time	13:55	13:55	13:55	14:05	14:05	14:15	14:25
	Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	4' - 6'	6' - 8'	8' - 10'
	Laboratory	AEL	AEL	LEA	AEL	LEA	LEA	LEA
	Lab. Number	AEL96011868	AEL97002199	96-5156-401	AEL96011869	96-5157-402	96-5158-403	96-5159-404
Constituent	Units							
Ethylbenzene	µg/kg	<12			<8.0			
Ethylbenzene (screening)	µg/kg			<14		<17	<17 nc	<17
Hexanone,2-	µg/kg	<29			<20			
Methyl Bromide	µg/kg	<12			<8.0			
Methyl Chloride	µg/kg	<12			<8.0			
Methyl Ethyl Ketone	µg/kg	<29			<20			
Methyl-2-pentanone,4-	µg/kg	<29			<20			
Methyl-tert-butyl Ether	µg/kg	<12			<8.0			
Methylene Chloride	µg/kg	<12			<12			
Styrene	µg/kg	<12			<8.0			
Tetrachloroethane,1,1,1,2-	µg/kg	<12			<8.0			
Tetrachloroethane,1,1,2,2-	µg/kg	<12			<8.0			
Tetrachloroethylene	µg/kg	<12			<8.0			
Tetrachloroethylene (screening)	µg/kg			<17		<22	<22 nc	<21
Toluene	µg/kg	<12			<8.0			
Toluene (screening)	µg/kg			<10		<12	<12 nc	<12
Trichloroethane,1,1,1-	µg/kg	<12			<8.0			
Trichloroethane,1,1,1- (screening)	µg/kg			<173		<215	<219 nc	<211
Trichloroethane,1,1,2-	µg/kg	<12			<8.0			
Trichloroethylene	µg/kg	<12			<8.0			
Trichloroethylene (screening)	µg/kg			<17		<21	<22 nc	<21
Trichloromonofluoromethane	µg/kg	<12			<8.0			
Trichloropropane,1,2,3-	µg/kg	<12			<8.0			
Vinyl Acetate	µg/kg	<12			<8.0			
Vinyl Chloride	µg/kg	<12			<8.0			
Xylenes (Total)	µg/kg	<12			<8.0			

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207
Sample ID	1019294	1019295	1019295	1019296	1019296	1019296	1019296	1019297
Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
Sample Time	14:35	15:45	15:45	15:55	15:55	15:55	15:55	16:00
Sample Depth	10' - 12'	0' - 2'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
Laboratory	LEA	AEL	LEA	AEL	AEL	LEA	LEA	LEA
Lab. Number	96-5175-013	AEL96011870	96-5176-014	AEL96011871	AEL97002200	96-5177-015	96-5178-016	
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-	10/17/1996	10/29/1996	10/17/1996	10/29/1996		10/17/1996	10/17/1996
Date Physical Analyzed	-					02/28/1997		
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							
Arsenic (SPLP)	mg/L							
Barium	mg/kg							
Barium (SPLP)	mg/L							
Cadmium	mg/kg							
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							
Chromium (SPLP)	mg/L							
Lead	mg/kg							
Lead (SPLP)	mg/L							
Mercury	mg/kg							
Mercury (SPLP)	mg/L							
Nickel	mg/kg							
Nickel (SPLP)	mg/L							
Selenium	mg/kg							
Selenium (SPLP)	mg/L							
Silver	mg/kg							
Silver (SPLP)	mg/L							
Zinc	mg/kg							
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							
pH of Soil	SU					6.6		
Acetone	µg/kg		<31		<27			
Acrolein	µg/kg		<10		<14			

Notes: 1. Printed on 07/22/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207
	Sample ID	1019294	1019295	1019295	1019296	1019296	1019296	1019297
	Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
	Sample Time	14:35	15:45	15:45	15:55	15:55	15:55	16:00
	Sample Depth	10' - 12'	0' - 2'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
	Laboratory	LEA	AEL	LEA	AEL	AEL	LEA	LEA
	Lab. Number	96-5175-013	AEL96011870	96-5176-014	AEL96011871	AEL97002200	96-5177-015	96-5178-016
Constituent	Units							
Acrylonitrile	µg/kg		<10		<14			
Benzene	µg/kg		<4.1		<5.5			
Benzene (screening)	µg/kg	<7		<8			<8 nc	<7
Bromobenzene	µg/kg		<4.1		<5.5			
Bromoform	µg/kg		<4.1		<5.5			
Carbon Disulfide	µg/kg		<4.1		<5.5			
Carbon Tetrachloride	µg/kg		<4.1		<5.5			
Chlorobenzene	µg/kg		<4.1		<5.5			
Chlorodibromomethane	µg/kg		<4.1		<5.5			
Chloroethane	µg/kg		<4.1		<5.5			
Chloroethyl Vinyl Ether,2-	µg/kg		<4.1		<5.5			
Chloroform	µg/kg		<4.1		<5.5			
Chlorotoluene,o-	µg/kg		<4.1		<5.5			
Chlorotoluene,p-	µg/kg		<4.1		<5.5			
Dibromomethane	µg/kg		<4.1		<5.5			
Dichlorobenzene,1,2-	µg/kg		<4.1		<5.5			
Dichlorobenzene,1,3-	µg/kg		<4.1		<5.5			
Dichlorobenzene,1,4-	µg/kg		<4.1		<5.5			
Dichlorobromomethane	µg/kg		<4.1		<5.5			
Dichlorodifluoromethane	µg/kg		<4.1		<5.5			
Dichloroethane,1,1-	µg/kg		<4.1		<5.5			
Dichloroethane,1,2-	µg/kg		<4.1		<5.5			
Dichloroethylene,1,1-	µg/kg		<4.1		<5.5			
Dichloroethylene,1,2-cis-	µg/kg		<4.1		<5.5			
Dichloroethylene,1,2-trans-	µg/kg		<4.1		<5.5			
Dichloropropane,1,2-	µg/kg		<4.1		<5.5			
Dichloropropylene,1,3-cis-	µg/kg		<4.1		<5.5			
Dichloropropylene,1,3-trans-	µg/kg		<4.1		<5.5			

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-206	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207	NK-SB-207
Sample ID	1019294	1019295	1019295	1019296	1019296	1019296	1019296	1019297
Sample Date	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996	10/15/1996
Sample Time	14:35	15:45	15:45	15:55	15:55	15:55	15:55	16:00
Sample Depth	10' - 12'	0' - 2'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
Laboratory	LEA	AEL	LEA	AEL	AEL	LEA	LEA	LEA
Lab. Number	96-5175-013	AEL96011870	96-5176-014	AEL96011871	AEL97002200	96-5177-015	96-5178-016	
Constituent	Units							
Ethylbenzene	µg/kg		<4.1		<5.5			
Ethylbenzene (screening)	µg/kg	<16		<16			<17 nc	<16
Hexanone,2-	µg/kg		<10		<14			
Methyl Bromide	µg/kg		<4.1		<5.5			
Methyl Chloride	µg/kg		<4.1		<5.5			
Methyl Ethyl Ketone	µg/kg		<10		<14			
Methyl-2-pentanone,4-	µg/kg		<10		<14			
Methyl-tert-butyl Ether	µg/kg		<4.1		<5.5			
Methylene Chloride	µg/kg		<4.1		<6.9			
Styrene	µg/kg		<4.1		<5.5			
Tetrachloroethane,1,1,1,2-	µg/kg		<4.1		<5.5			
Tetrachloroethane,1,1,2,2-	µg/kg		<4.1		<5.5			
Tetrachloroethylene	µg/kg		<4.1		<5.5			
Tetrachloroethylene (screening)	µg/kg	<20		<21			<22 nc	<20
Toluene	µg/kg		<4.1		<5.5			
Toluene (screening)	µg/kg	<11		<12			<12 nc	<11
Trichloroethane,1,1,1-	µg/kg		<4.1		<5.5			
Trichloroethane,1,1,1- (screening)	µg/kg	<195		<207			<219 nc	<199
Trichloroethane,1,1,2-	µg/kg		<4.1		<5.5			
Trichloroethylene	µg/kg		<4.1		<5.5			
Trichloroethylene (screening)	µg/kg	<19		<20			<22 nc	<20
Trichloromonofluoromethane	µg/kg		<4.1		<5.5			
Trichloropropane,1,2,3-	µg/kg		<4.1		<5.5			
Vinyl Acetate	µg/kg		<4.1		<5.5			
Vinyl Chloride	µg/kg		<4.1		<5.5			
Xylenes (Total)	µg/kg		<4.1		<5.5			

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-207	NK-SB-207	NK-SB-207				
	Sample ID	1019298	1019299	1019300				
	Sample Date	10/15/1996	10/15/1996	10/15/1996				
	Sample Time	16:05	16:15	16:25				
	Sample Depth	6' - 8'	8' - 10'	10' - 12'				
	Laboratory	LEA	LEA	LEA				
	Lab. Number	96-5179-017	96-5180-018	96-5181-019				
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-	10/17/1996	10/17/1996	10/17/1996				
Date Physical Analyzed	-							
Date of Metals SPLP Analysis	-							
Arsenic	mg/kg							
Arsenic (SPLP)	mg/L							
Barium	mg/kg							
Barium (SPLP)	mg/L							
Cadmium	mg/kg							
Cadmium (SPLP)	mg/L							
Chromium	mg/kg							
Chromium (SPLP)	mg/L							
Lead	mg/kg							
Lead (SPLP)	mg/L							
Mercury	mg/kg							
Mercury (SPLP)	mg/L							
Nickel	mg/kg							
Nickel (SPLP)	mg/L							
Selenium	mg/kg							
Selenium (SPLP)	mg/L							
Silver	mg/kg							
Silver (SPLP)	mg/L							
Zinc	mg/kg							
Zinc (SPLP)	mg/L							
Total Petroleum Hydrocarbons	mg/kg							
pH of Soil	SU							
Acetone	µg/kg							
Acrolein	µg/kg							

Notes: 1. Printed on 07/22/99

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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	Location ID	NK-SB-207	NK-SB-207	NK-SB-207				
	Sample ID	1019298	1019299	1019300				
	Sample Date	10/15/1996	10/15/1996	10/15/1996				
	Sample Time	16:05	16:15	16:25				
	Sample Depth	6' - 8'	8' - 10'	10' - 12'				
	Laboratory	LEA	LEA	LEA				
	Lab. Number	96-5179-017	96-5180-018	96-5181-019				
Constituent	Units							
Acrylonitrile	µg/kg							
Benzene	µg/kg							
Benzene (screening)	µg/kg	<7	<7	<8				
Bromobenzene	µg/kg							
Bromoform	µg/kg							
Carbon Disulfide	µg/kg							
Carbon Tetrachloride	µg/kg							
Chlorobenzene	µg/kg							
Chlorodibromomethane	µg/kg							
Chloroethane	µg/kg							
Chloroethyl Vinyl Ether,2-	µg/kg							
Chloroform	µg/kg							
Chlorotoluene,o-	µg/kg							
Chlorotoluene,p-	µg/kg							
Dibromomethane	µg/kg							
Dichlorobenzene,1,2-	µg/kg							
Dichlorobenzene,1,3-	µg/kg							
Dichlorobenzene,1,4-	µg/kg							
Dichlorobromomethane	µg/kg							
Dichlorodifluoromethane	µg/kg							
Dichloroethane,1,1-	µg/kg							
Dichloroethane,1,2-	µg/kg							
Dichloroethylene,1,1-	µg/kg							
Dichloroethylene,1,2-cis-	µg/kg							
Dichloroethylene,1,2-trans-	µg/kg							
Dichloropropane,1,2-	µg/kg							
Dichloropropylene,1,3-cis-	µg/kg							
Dichloropropylene,1,3-trans-	µg/kg							

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

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DRAWING 1: SOIL INVESTIGATIONS - EXPLOSIVE
OUTSIDE CHEMICAL STORAGE SHED LOCATION &
CONSTITUENTS DETECTED MAP

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**DRAWING 2: GROUNDWATER INVESTIGATIONS -
EXPLOSIVE OUTSIDE CHEMICAL STORAGE SHED
LOCATION & CONSTITUENTS DETECTED MAP**

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